

DRAFT RSET WHITE PAPER #10 - Develop Regional Data Compilation/Database Structure

SEDIMENT QUALITY GUIDELINES SUBCOMMITTEE, B.Betts , Chair
(bbet461@ecy.wa.gov); August 2, 2004

QUESTION/ISSUE: How should a regional sediment quality data compilation be stored? What is the recommended sediment quality data structure for regional sediment data?

DISCUSSION: Three regional sediment data systems currently exist in the Northwest; DAIS, Query Manager and SEDQUAL. DAIS is a Corps, Seattle District application that includes dredged material data for Seattle District only. Query Manager is a NOAA data system which is primarily national in scope and which uses a watershed approach to compile and review data. Sedqual is an Ecology application that has compiled multi-program sediment data since 1989. Sedqual contains data from multiple west coast states, primarily Washington and Oregon. Sedqual's relational data structure has remained essentially the same since 1995. The Sedqual data file, application, and data submittal templates are publicly available online at Ecology's website.

REFERENCES: <http://www.ecy.wa.gov/programs/tcp/smu/sedqualfirst.htm>

RECOMMENDATION: The SQG Subcommittee recommended use of Sedqual to the RSET Policy Committee in September 2003. Sedqual is still recommended to compile regional sediment quality data from all regulatory, investigation, status and trend, and academic sampling efforts. It is the most complete Portland Division sediment compilation. It also is the primary sediment data system for Washington Ecology and Oregon Dept. of Environmental Quality.

PROPOSED LANGUAGE: None yet available.

LIST OF PREPARERS: Brett Betts, Washington Department of Ecology